

ABSTRACT

An electrically addressable release pad for use in a burst electrode drug release (delivery) system. The pad useable in this system comprises a polymer, preferably polypyrrole, which surrounds medicine. Once a section of the polymer receives an electrochemical potential sent from an electrode contained within the pad, a defined dose of medicine contained therein is released. The pad is designed to be worn by a patient, so that when the medication is released, its administered to the patient, without the patient having to do anything. The electrode typically can be a burst electrode, one with a unique electrical signature. The electrode can be triggered from a remote source.